

Betsilan ADMIX PRO

Highly effective water-repellent concrete admixture for complete waterproofing of fresh concrete

PRODUCT DESCRIPTION

Betsilan ADMIX PRO is a concrete additive designed specifically to make fresh concrete fully waterproof.

As part of the concrete mix, Betsilan ADMIX PRO is evenly distributed throughout the concrete, effectively extending the service life of concrete structures and significantly reducing the water absorption of the concrete.

TYPICAL APPLICATIONS

Betsilan ADMIX PRO is used for waterproofing basements, water tanks, roofs, reservoirs, embankments, wastewater treatment plants, swimming pools, water treatment plants, tunnels, marine structures, etc.

- Reinforced concrete
- Underground concrete structures
- Other reinforced concrete structures
- Concrete stone products
- Shotcrete

BENEFITS & ADVANTAGES

- Significant reduction in water absorption
- Effective chloride barrier that protects reinforcement from corrosion
- Prevents or slows down of alkali-silica reaction
- Maintains high water vapor permeability
- Excellent UV resistance
- Surfaces do not become shiny, sticky, or yellowish
- Sufficient resistance to alkaline environments
- Safe to use
- Environmentally friendly composition
- Reduction of salt deposition

TYPICAL PROPERTIES

Property	Unit	Value
Appearance		Clear liquid
Active Content	%	99
Density	g/cm ³	~ 0.88 (DIN 51757 @ 20 °C)
Viscosity	mPa-s	1,9 (25 °C)

CONSUMPTION

Betsilan ADMIX PRO is added to the concrete mix using automatic dispensers at the mixing plant, in an amount of 0.2-1.0% of the total cement material (per 100 kg of cement). A significant reduction in water absorption is achieved with a cement concentration of 0.2%, but the final dosage should be adjusted according to the quality and composition of the cement.

Betsilan ADMIX PRO should be added either simultaneously with the mixing water or immediately after it – it should never be added with other additives. We recommend testing compatibility with other concrete additives separately. A longer mixing time ensures the product is evenly distributed throughout the system, making it more effective. To ensure optimal dosing, we recommend consulting the manufacturer, SL Protection OÜ.

For other cement-based materials, such as dry mortar mixes, we recommend using 0.1-0.4% of the total dry mix weight.

STORAGE

Betsilan ADMIX PRO should be stored at temperatures between +3°C and +40°C. Under suitable conditions and when kept in its unopened original packaging, the shelf life is 12 months.

HEALTH AND SAFETY

Before considering using Betsilan ADMIX PRO, please read its Safety Data Sheet (SDS) thoroughly for safety and toxicological data as well as for information on proper transportation, use and storage. The safety data sheet is available on our website at www.slprotection.eu or upon request from your local representative.

PACKAGING

Betsilan ADMIX PRO is available in 25 kg canisters and 1000 l IBC containers.

WASTE DISPOSAL

When disposing of waste, follow local waste management regulations and take hazardous waste to an appropriate collection point.



Technical Data Sheet



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MANUFACTURER CONTACT

SL Protection OÜ
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NOTE: All reasonable precautions have been taken in the manufacture of Betsilan ADMIX PRO products to ensure compliance with Betsilan ADMIX PRO high-quality standards. Recommendations and product features are believed to be based on the most reliable information available, and do not constitute recommendations to infringe the rights of other patents. Although all Betsilan ADMIX PRO products undergo rigorous quality testing, no specific guarantee can be given as results depend not only on quality but also on factors beyond our control. Therefore, we are happy to consult with you in case of any doubts regarding the application or the indicators, also pointing out that any oral recommendations other than those given here are not binding without written confirmation from Betsilan ADMIX PRO. All transactions are subject to our terms of sale, delivery and service. This data sheet supersedes the previous one, a superseding version can be issued without notice, if necessary. The information on this page is true and reliable to the best of our knowledge. The offered on-site service cannot be taken as responsible supervision. Therefore, our warranty is limited to the quality of the materials supplied.